

7969-266

8/15/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms Amy Dugger-Ronyak
BASF Corporation, Agricultural Product
26 Davis Drive
Research Triangle Park, NC 27709

AUG 15 2013

Subject: Product Name: Stamina Fungicide Seed Treatment
EPA Reg. No. 7969-266
Submission date: 6/27/13
Resubmission date: 8/14/13
Amendment: Revise various sections of the directions for use to align text with other BASF corporation seed treatment labels
Decision Number 480812

Dear Ms Ronyak:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable.

One copy of the master label stamped "Accepted" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed master label before the product is released for shipment.

If you have questions concerning this letter, please call Banza Djapao at 703-305-7269, or via email at djapao.banza@epa.gov or you may call me at 703-308-9443.

Sincerely,

Tony Kish
Product Manager 22
Fungicide Branch
Registration Division (7504P)

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The Chemical Company

Group 11 Fungicide

ACCEPTED
AUG 15 2013
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-266

Stamina[®]

Fungicide Seed Treatment

For commercial and on-farm use

Seed treatment for disease control and plant health in selected crops

(See **Table 1** for crop uses)

Active Ingredient*:

pyraclostrobin: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester) 18.4%

Other Ingredients: 81.6%

Total: 100.0%

* Equivalent to 1.67 pounds of pyraclostrobin per gallon formulated as a flowable concentrate for seed treatment.

EPA Reg. No. 7969-266

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents:

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FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably by mouth to mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOTLINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of medical emergency involving this product, call BASF Corporation at 1-800-832-HELP (4357) or dial 911.</p>	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed. Avoid contact with skin or clothing.

Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for **Category A** on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material (such as nitrile, butyl, neoprene and/or barrier laminate)
- Shoes plus socks

Applicators and other handlers of tuberous and corm vegetable seed pieces must wear:

- Coveralls (all day, including during cleanup)
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Dust/mist respirator with PF10

Handlers involved in multiple commercial seed treatment activities must wear:

- Dust/mist respirator with MSHA/NIOSH approval number prefix TC-21 or any N, R, P, or HE filter

Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates.

DO NOT discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or the regional office of the EPA. **DO NOT** contaminate water when disposing of equipment washwater or rinseate.

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Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This labeling must be in possession of the user at the time of fungicide application.

DO NOT apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For requirements specific to your state or tribe, consult the agency responsible for pesticide regulation. Unless otherwise directed in supplemental labeling, all applicable directions, restrictions, precautions, and **Conditions of Sale and Warranty** are to be followed.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

Store in original container only. Keep container closed when not in use. **DO NOT** store near food or feed.

Pesticide Disposal

To avoid pesticide waste, use all material in this container by application according to label directions. If pesticide waste cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake

(capacity ≤ 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Triple rinse containers too large to shake

(capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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STORAGE AND DISPOSAL *(continued)*

Container Handling *(continued)*

Refillable Container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Triple rinse as follows: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

In Case of Emergency

In case of a large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

Steps to take if this material is released into the environment or spilled:

- Wear **Personal Protective Equipment (PPE)** and avoid exposure when managing a spill. (See **Precautionary Statements** section of this label for required PPE.)
- Dike and contain the spill with inert, absorbent material (e.g., sand, earth) and transfer liquid and solid diking material to separate containers for disposal. Small-scale spills of this product (that can be cleaned up with a typical spill kit) may be applied to labeled sites.
- Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse.
- Keep spill out of all sewers and open bodies of water.

Product Information

Stamina® fungicide seed treatment is a broad-spectrum liquid fungicide that protects seed and seedlings from certain seed and soilborne diseases resulting in improved plant health. **Stamina** increases emergence and plant stands by controlling or suppressing these diseases. See **Table 1** for crop uses and diseases controlled or suppressed by **Stamina**. Disease symptoms such as seed rot, seedling rot, seedling blight, root rot, and damping-off (preemergence or postemergence) can be associated with the actions of various fungal pathogens. These symptoms are referred to in **Table 1** as "seed and seedling disease".

Seed treatment applications with **Stamina** have been associated with more rapid and increased emergence of seedlings under certain cold conditions.

Use the higher rates of **Stamina** when disease pressure is expected to be high.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>.

Mode of Action

Pyraclostrobin, the active ingredient of **Stamina**, belongs to the group of respiration inhibitors classified by the US EPA and Canada PMRA as quinone outside inhibitors (QoI), or target-site-of-action **Group 11** fungicides.

Resistance Management

Because of the minimal amount of **Stamina** applied to the seed that relocates to the upper parts of the plant, the potential for development of resistance is extremely low. Seed treatments of **Stamina** can, therefore, be followed by foliar use and resistance management guidelines of foliar use fungicides containing pyraclostrobin (**Cabrio® EG fungicide**, **Headline® fungicide**, or **Pristine® fungicide**) as specified on the respective labels.

Application Instructions

Stamina can be used in commercial seed treatment facilities and on-farm systems. **DO NOT** use for applications at hopper box, planter box, seed treaters, etc. For use with commercial or professional seed treatment application equipment only.

Seed must be of a good quality, well conditioned, and free of chaff before treatment.

The purchaser of **Stamina** is responsible for ensuring all seed treated with this product is adequately dyed with a suitable color to prevent accidental use as food for man or feed for animals. Refer to 21CFR, Part 2.25.

- Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.
- Any dye or colorant added to treated seed must be cleared for use under 40 CFR, Part 180.900, "Exemptions from the requirement of a tolerance". Federal regulations have established official tolerances or

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exemptions from tolerances for residues on food and forage crops that must not be exceeded when the product (dye or colorant) is used at specified rates.

Prepare no more mixture of **Stamina® fungicide seed treatment** than is needed for immediate application to seed. Refer to the **Tank Mixing Instructions** section of this label. Apply **Stamina** at the rates listed in **Table 1** as a water-based mixture using standard slurry or mist-type seed treatment application equipment. The exact amount of water needed to provide the mixture or slurry rate for uniform and complete coverage of the seed surface is difficult to predict because weather conditions, seed type and surface, and equipment used all have a bearing on coverage. Thorough seed coverage and proper application equipment calibration are essential for good disease control. Consult a seed treatment specialist regarding slurry rates for the crop seed to be treated with **Stamina** and for calibration and operation procedures of the seed treatment equipment.

Tank Mixing Information

Tank Mix Partners

When using **Stamina** in a tank mixture with other seed treatment products, follow all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations on the tank mix partner label. **DO NOT** exceed label dosage or application rate. The most restrictive label precautions and limitations must be followed. **Stamina** must not be mixed with any product that prohibits such mixing.

Compatibility Test for Tank Mix Components

When tank mixing **Stamina**, always test compatibility before use by performing a jar test as follows:

1. Add all intended seed treatment products and the appropriate amount of water in a clear glass jar.
2. Mix well and allow to sit for one hour.
3. Remix and observe for physical incompatibility.

Also test with the seed to ensure the combination of tank mix products does not have detrimental effects on the seed.

Mixing Order

For containers 5 gallons or less, shake well before use. For containers greater than 5 gallons, recirculate before use.

1. **Water** - Add 3/4 of the required volume of water to the mix tank and turn on agitation.
2. **Agitation** - Mechanical agitation is required for proper mixing of **Stamina**.
3. **Dye or colorant**
4. **Wettable powders**
5. **Soluble powders**
6. **Flowable formulations** (such as **Stamina**)
7. **Emulsifiable concentrates**
8. **Water** - Remaining 1/4 of required water volume is added last and can be used as rinsate for the chemical

container or to adjust the total slurry to compensate for water displacement by powdered products.

Maintain agitation until the entire slurry mixture has been used.

Ensure seed is dry before bagging.

Use Restrictions

- **DO NOT** use treated seed for food, feed, or oil processing.
- **DO NOT** store **Stamina** near feed or foodstuffs.
- **DO NOT** contaminate feed or foodstuffs.
- **DO NOT** contaminate domestic or irrigation waters.
- **DO NOT** plant any crop not listed on this label within 30 days after planting **Stamina**-treated seed.
- **DO NOT** use the same auger for treating seed that will handle commercial or feed grains.
- **DO NOT** store leftover treated seed where there is a chance of it becoming mixed with untreated seed. Store treated seed in cool, dry conditions.

TREATED SEED MUST BE LABELED AS FOLLOWS:

Seed treated with this product that is then packaged or bagged for future use must contain the following labeling on the outside of the seed package or bag.

"This package or bag contains seed that has been treated with **Stamina® fungicide seed treatment** containing pyraclostrobin. **DO NOT** use for food, feed, oil processing, or any other purpose except planting. Store away from feed or foodstuffs. **DO NOT** allow children, pets or livestock to have access to treated seeds. Wear long pants, long-sleeved shirt, shoes and socks, and chemical-resistant gloves made of any waterproof material when opening this bag or handling (e.g., loading, pouring) treated seed or seed pieces. After the seeds and/or seed pieces have been planted in soil or other planting media, **DO NOT** enter or allow worker entry into areas with treated seeds and/or seed pieces during the restricted-entry interval of **12 hours**, except that workers may enter the areas with treated seeds and/or seed pieces without restriction if there will be no worker contact with the soil/media subsurface."

Table 1. Stamina® fungicide seed treatment Crop-specific Use Directions

Crop	Disease	Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
Alfalfa	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Aphanomyces eutiches</i> - <i>Fusarium</i> spp. - <i>Phytophthora medicaginis</i> 	<p style="text-align: center;">1.5 to 3.1 (0.02 to 0.04)</p>
Barley	Control of: <ul style="list-style-type: none"> • Dry seed decay (<i>Penicillium</i> spp.) • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> • Common root rot (<i>Bipolaris sorokiniana</i>) • Covered smut (<i>Ustilago hordei</i>) • Seed and seedling disease caused by: - <i>Fusarium</i> spp. - <i>Pythium</i> spp. - <i>Rhizoctonia solani</i> 	<p style="text-align: center;">0.4 to 0.8 (0.005 to 0.01)</p>
Brassica Vegetables (includes head and stem and Brassica leafy greens) Broccoli Broccoli, Chinese Broccoli, raab Brussels sprouts Cabbage Cabbage, Chinese Cabbage, Chinese mustard Cauliflower Cavalo broccolo Collards Kale Kohlrabi Mizuna Mustard greens Mustard spinach Rape greens	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	<p style="text-align: center;">0.8 to 2.3 (0.01 to 0.03)</p>
Bulb Vegetables Garlic Leek Onions (all varieties) Shallot	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	<p style="text-align: center;">0.8 to 2.3 (0.01 to 0.03)</p>

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Table 1. Stamina® fungicide seed treatment Crop-specific Use Directions (continued)

Crop	Disease	Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
Corn Field corn Popcorn Seed production corn	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> - <i>Penicillium oxalicum</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Aspergillus</i> spp. - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.4 to 0.8 (0.005 to 0.01) [equivalent to 0.013 to 0.026 mg ai per kernel and 0.18 to 0.36 fl oz product/80,000 kernel count based on 1,816 kernels per pound]
Corn Sweet corn	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> - <i>Penicillium oxalicum</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Aspergillus</i> spp. - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.8 to 1.6 (0.01 to 0.02) [equivalent to 0.013 to 0.026 mg ai per kernel and 0.18 to 0.36 fl oz product/80,000 kernel count based on 3,632 kernels per pound]
Cotton	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	1.5 to 3.0 (0.02 to 0.04) [equivalent to 0.02 to 0.04 mg ai per seed based on 4,500 seeds per pound]
Cucurbits all types and hybrids of: Cantaloupe Chayote Chinese waxgourd Citron melon Cucumber Edible gourds Gherkin Muskmelon Pumpkin Summer squash Watermelon Winter squash Zucchini Momordica spp. (such as) Balsam apple Balsam pear Bitter melon Chinese cucumber	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.8 to 2.3 (0.01 to 0.03)

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Table 1. Stamina® fungicide seed treatment Crop-specific Use Directions (continued)

Crop	Disease	Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
<p>Dried Shelled Peas and Beans Broad bean Chickpea Guar Lablab bean Lentil Pigeon pea Lupinus spp. Grain lupin Sweet lupin White lupin Phaseolus spp. Field bean Kidney bean Lima bean Navy bean Pink bean Pinto bean Tepary bean Pisum spp. Field pea Vigna spp. Adzuki bean Black-eyed pea Catjang Cowpea Crowder pea Moth bean Mung bean Rice bean Southern pea Urd bean</p>	<p>Control of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> <p>Suppression of:</p> <ul style="list-style-type: none"> • Seed infection by: - <i>Ascochyta lentis</i> • Seed and seedling disease caused by: - <i>Fusarium spp.</i> - <i>Pythium spp.</i> 	<p>0.4 to 1.5 (0.005 to 0.02)</p>
<p>Edible Podded Legume Vegetables Jack bean Pigeon pea Soybean (immature seed) Sword bean Phaseolus spp. Runner bean Snap bean Wax bean Pisum spp. Dwarf pea Edible-podded pea Snow pea Sugar snap pea Vigna spp. Asparagus bean Chinese longbean Moth bean Yardlong bean</p>	<p>Control of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> <p>Suppression of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Fusarium spp.</i> - <i>Pythium spp.</i> 	<p>0.4 to 1.5 (0.005 to 0.02)</p>

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Table 1. Stamina® fungicide seed treatment Crop-specific Use Directions (continued)

Crop	Disease	Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
Fruiting Vegetables Eggplant Ground cherry Pepino Pepper (all varieties) Tomatillo Tomato	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.8 to 2.3 (0.01 to 0.03)
Leafy Vegetables Amaranth Arugula Cardoon Celery Celery (Chinese) Celtuce Chervil Chrysanthemum (edible-leaved and garland) Corn salad Cress (garden and Upland) Dandelion Dock Endive Fennel (Florence) Lettuce (head and leaf) Orach Parsley Purslane (garden and winter) Radicchio (red chicory) Rhubarb Spinach Spinach (New Zealand and vine) Swiss chard	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.8 to 2.3 (0.01 to 0.03)
Leaves of Root and Tuber Vegetables Black salsify Carrot Celeriac Chervil (turnip-rooted) Chicory Edible burdock Garden beet Oriental radish Parsley (turnip-rooted) Parsnip Radish Rutabaga Skirret Turnip	Control of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.8 to 2.3 (0.01 to 0.03)

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Table 1. Stamina® fungicide seed treatment Crop-specific Use Directions (continued)

Crop	Disease	Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
Oat	<p>Control of:</p> <ul style="list-style-type: none"> • Dry seed decay (<i>Penicillium</i> spp.) • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> <p>Suppression of:</p> <ul style="list-style-type: none"> • Common root rot (<i>Bipolaris sorokiniana</i>) • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.4 to 0.8 (0.005 to 0.01)
Peanut	<p>Control of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> <p>Suppression of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.4 to 1.5 (0.005 to 0.02)
Rapeseed includes canola and crambe	<p>Control of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> <p>Suppression of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	1.5 to 3.1 (0.02 to 0.04)
<p>Root Vegetables Subgroup (except sugar beet)</p> <p>Black salsify Carrot Celeriac Chervil (turnip-rooted) Chicory Edible burdock Garden beet Ginseng Horseradish Oriental radish Parsley (turnip-rooted) Parsnip Radish Rutabaga Skirret Spanish salsify Turnip</p>	<p>Control of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> <p>Suppression of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.8 to 2.3 (0.01 to 0.03)
Rye	<p>Control of:</p> <ul style="list-style-type: none"> • Dry seed decay (<i>Penicillium</i> spp.) • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> <p>Suppression of:</p> <ul style="list-style-type: none"> • Common root rot (<i>Bipolaris sorokiniana</i>) • Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.4 to 0.8 (0.005 to 0.01)

(continued)

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Table 1. Stamina® fungicide seed treatment Crop-specific Use Directions (continued)

Crop	Disease	Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
Sorghum	Control of: <ul style="list-style-type: none"> Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.8 to 1.5 (0.01 to 0.02) [equivalent to 0.0032 to 0.0064 mg ai per seed based on 14,500 seeds per pound]
Soybean (<i>Glycine</i> spp.)	Control of: <ul style="list-style-type: none"> Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Phomopsis</i> spp. - <i>Phytophthora</i> spp. - <i>Pythium</i> spp. 	0.4 to 1.5 (0.005 to 0.02) [equivalent to 0.0084 to 0.031 mg ai per seed based on 2,800 seeds per pound]
Succulent Shelled Peas and Beans Broad bean Pigeon pea Phaseolus spp. Lima bean, green Pisum spp. English pea Garden pea Green pea Vigna spp. Black-eyed pea Cowpea Southern pea	Control of: <ul style="list-style-type: none"> Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.4 to 1.5 (0.005 to 0.02)
Sugar Beet	Application Instructions for Sugar Beet For control of seedling diseases caused by <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp., apply as a commercial seed treatment at 1.7 to 2.5 fl ozs of Stamina (0.022 to 0.033 lb ai per 100,000 seeds) in or on a unit of pelleted sugar beet seed with a weight ratio of 2:1 pelleting mixture to raw seed (seed count 100,000 seeds, approximately 2.2 pounds (1 kilogram) by weight).	
Sunflower	Control of: <ul style="list-style-type: none"> Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> Suppression of: <ul style="list-style-type: none"> Seed and seedling disease caused by: <ul style="list-style-type: none"> - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	0.8 to 2.3 (0.01 to 0.03) [equivalent to 0.01 to 0.03 mg ai per seed based on 4,500 seeds per pound]

(continued)

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Table 1. Stamina® fungicide seed treatment Crop-specific Use Directions (continued)

Crop	Disease	Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
<p>Tuberous and Corm Vegetables Subgroup Arracacha Arrowroot Chinese artichoke Jerusalem artichoke Cassava (bitter and sweet) Chayote (root) Chufa Dasheen Edible canna Ginger Leren Potato Sweet potato Tanier True yam Turmeric Yam bean</p>	<p>Control of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> <p>Suppression of:</p> <ul style="list-style-type: none"> • Seed and seedling disease caused by: - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	<p>0.4 to 2.3 (0.005 to 0.03)</p>
<p>Wheat</p>	<p>Control of:</p> <ul style="list-style-type: none"> • Dry seed decay (<i>Penicillium</i> spp.) • Seed and seedling disease caused by: - <i>Rhizoctonia solani</i> <p>Suppression of:</p> <ul style="list-style-type: none"> • Common bunt (<i>Tilletia caries</i>) • Common root rot (<i>Bipolaris sorokiniana</i>) • Seed and seedling disease caused by: - <i>Fusarium</i> spp. - <i>Pythium</i> spp. 	<p>0.4 to 0.8 (0.005 to 0.01)</p>

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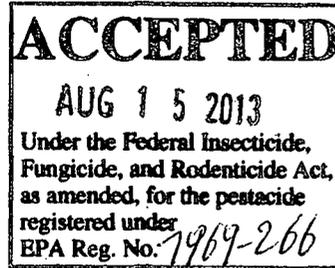
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